

DX LISTENING DIGEST 6-173, November 24, 2006
Incorporating REVIEW OF INTERNATIONAL BROADCASTING
edited by Glenn Hauser, <http://www.worldofradio.com>

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NOTE: If you are a regular reader of DXLD, and a source of DX news but have not been sending it directly to us, please consider yourself obligated to do so. Thanks, Glenn

NEXT SHORTWAVE AIRINGS OF WORLD OF RADIO 1337

Sat 1530 WRMI 7385
Sat 1700 WWC3 12160
Sun 0330 WWC3 5070
Sun 0730 WWC1 3215
Sun 0900 WRMI 9955
Mon 0400 WBCQ 9330-CLSB
Mon 0515 WBCQ 7415 [time varies]

Latest edition of this schedule version, including AM, FM, satellite and webcasts with hotlinks to station sites and audio, is at:
<http://www.worldofradio.com/radioskd.html>

For updates see our Anomaly Alert page:
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WRN ON DEMAND:
<http://new.wrn.org/listeners/stations/station.php?StationID=24>

OUR ONDEMAND AUDIO [also CONTINENT OF MEDIA, MUNDO RADIAL]
<http://www.worldofradio.com/audiomid.html>
or <http://wor.worldofradio.org>
WORLD OF RADIO PODCASTS: www.obriensweb.com/wor.xml

MUNDO RADIAL Noviembre-Diciembre:
(corriente) <http://www.w4uvh.net/mr0611.ram>
(descargar) <http://www.w4uvh.net/mr0611.rm>
(texto) <http://www.worldofradio.com/mr0611.html>

** ALBANIA. Currently there are two 'fighting' sides about Radio Tirana Foreign Service:

One is to close it, because its listeners are communists, Marxist-Leninists, but if this is not possible, to broadcast this service via satellite and offer for rent the MW and SW Transmitters. Partisan of this is Arben Mehilli - ARTV Tech. Dir., very much trying to keep his posts in the new ARTV Management. He has been always successful so far.

The other side is Radio Tirana Foreign Service itself, that is also trying to persuade to keep on SW, because the listeners do have SW receivers and not satellite facilities. Who can listen to them then? I am with the second side and am thinking what kind of efforts should I do related to this. All the best from a sweet wet Tirana and Have a nice evening everywhere you are, (Drita «iÁo, R. Tirana, Nov 22, DX LISTENING DIGEST)

Hmmm. This is a very interesting letter - "communists, Marxist-Leninists"? I thought those kinds of people were gone when communism collapsed in the former USSR! And I thought that Albania was becoming a nice democracy... Put my support behind keeping the SW. An awful lot of people don't have access to satellite radio or computers if you go that way; SW is still much cheaper for many listeners and you can't take your computer in your backpack!!! I take my SW all the time when I travel and yes I do tune into Radio Tirana!

AND you can pass this on --- I am NOT one of the "Communist Marxist-Leninist" listeners. I remember when there was fighting in Albania and political troubles, being interested in world affairs I would listen to Radio Tirana to get the most up to date news from the people who were actually there... Hope your family is well and one of these days I will get to Albania to visit!! Take care, (Sue Hickey, NL, via Drita, DXLD)

** ALBANIA. R. Tirana, French to Europe with good signal here, but non-hi-fi audio, Nov 23 at 2006 on 7465, no QRM (Glenn Hauser, OK, DX LISTENING DIGEST)

** ARGENTINA. R. Continental, Buenos Aires, 15820-LSB, 0230-0305+ Nov 11, Spanish talk, US pop tune, music bridges, ads. 0300 time pips and ``Continental`` ID. Good (Brian Alexander, Mechanicsburg PA, DX LISTENING DIGEST)

** AUSTRALIA. ABC Alice Springs, 4835, 0825-0832* Nov 11, tune-in to soccer or rugby sports coverage. // 4910 Tennant Springs, abrupt sign-off about 45 seconds after 4835; both weak (Brian Alexander, Mechanicsburg PA, DX LISTENING DIGEST)

** AUSTRALIA. 9580. Radio Australia. Interval Signal "Waltzing Matilda" heard amid the Gabon Buzz at 2000 on 11/21 followed by buried female voice in English?? possibly // with 11660 and/or 11880. (Bass, Ohio). I was experimenting to see whether I could hear the Gabon broadcast itself under the Buzz , but at 2000 heard Australia instead. Gabon usually dominates this frequency at my QTH at this time of day so quite surprised to hear RA! Dont know if 9580 is scheduled for 2000 or if the RA transmitter was accidentally turned on 12 hours ahead of its regular 0800 9580 sign-on (Steve Bass, Columbus, Ohio, Icom 746PRO and Wellbrook 330S Loop, dxldyg via DX LISTENING DIGEST)

RA 9580 is supposedly scheduled 08-14 and 17-20. Were they still on after 2000? (Glenn, ibid.)

Glenn: I could not determine if the voice signal heard after 2000 was RA or not as it was too buried under the Buzz to be intelligible. Since RA is supposed to close down at 2000 on 9580, it is likely that Waltzing Matilda was RA's sign-off, not the sign-on I thought it was simply because I heard RA right after 2000 on other frequencies that had opened at 2000 and to my ears the voices were similar (Steve Bass, ibid.)

** AUSTRALIA. RA, 11880, Nov 23 at 2010 with Pacific news of Fiji, Bougainville, but starting with Tonga, where there is a new King George, have you heard, hoping to bring the country back together after last week's worst-ever riots. That's Shepparton at 50 degrees toward Pac & NAm (Glenn Hauser, OK, DX LISTENING DIGEST)

** AUSTRALIA. Radio Australia B-06 schedule according on the website.

Radio Australia English

Asia	West Pacific	Central/South Pacific
0000-0130 17775DRW	1800-2000 7240	2100-2200 12080
0030-0400 15415	1800-2000 6080	2000-2200 11650
0200-0500 21725	2000-2100# 6080	2000-2200 11660
0430-0500 15415	2000-2100# 7240	2100-2300 15515
0630-1100 15415	2000-2200 11650	2200-0000 17785
1100-1300 9475	2100-2200 9660	2100-2300 13630
1400-1800 6080	2200-0000 15230	2200-0000 15230
1430-1900 9475	2300-0700 13670	2300-0900 12080
1430-1700 11660	2300-0800 9660	2300-0200 17795
1900-2200 9500	0000-0800 15240	0000-0800 15240
2100-2200 11695	0000-0200 17715	0200-0700 15515
2200-2330 15240	0200-0500 21725	0500-0800 15160
2200-0000 13620	0700-0900 9710	0700-0900 13630
2330-0000 15415	0800-0900 5995	0800-1400 9580
2330-0900 17750	0800-1400 9580	0800-1600 9590

1100-1400	6020	1100-1400	6020
1100-1400	9560	1100-1200	12080
1100-1400	5995	1400-1800	5995
1400-1800	5995	1400-1800	7240
1600-2000	9710	1700-2000	9580
		1700-2100	11880
		1600-2000	9710
		1800-2000	7240

#Saturday and Sunday only (RA website via wwdxc BC-DX Nov 21 via DXLD)

** AUSTRALIA. G'day Glenn, Updated RA Programme Guides are now available for download at <http://www.radioaustralia.net.au/print/>
As previously noted the Frequency Guide can be found at <http://www.radioaustralia.net.au/pdf/frequency.pdf>
Regards (Ian Johnson, Australian Radio DX Club <http://www.ardxc.info>
Nov 23, DX LISTENING DIGEST)

These pdf programme guides, labeled ``summer 2006-2007`` are available in UT versions, unlike the previous ones, which forced us to guess what UT offset to local time they really showed. And there is a separate schedule for webcasts, tho I thought those duplicated on-air (Glenn Hauser, DXLD)

** BELARUS. 7420, Radio Belarus, 2045-2100, escuchada el 21 de Noviembre en ingl s a locutor con bolet n de noticias, ID y segmento musical, SINPO 55544 (Jos  Miguel Romero, Burjasot (Valencia), Espa a, Sangean ATS 909, Antena Radio Master A-108, dxldyg via DX LISTENING DIGEST)

** BELGIUM [non]. Updated B-06 of TDP via Russia and Moldova transmitters effective Nov. 18:

Denge Mezopotamya in Kurdish:

0300-0500 on 7590 KCH 300 kW / 116 deg to ME Daily

0500-1500 on 11530 KCH 300 kW / 116 deg to ME Daily

1500-1700 on 7590 KCH 500 kW / 116 deg to ME Daily

* not yet active

Tensae Ethiopia Voice of Unity in Amharic:

1500-1600 on 11900 ARM 250 kW / 188 deg to EaAf Daily

Radio Xoriyo Ogadenia in Somali:

1600-1700 NF 9445 SAM 250 kW / 188 deg to EaAf Tue, ex 9450

Voice of Eritrea in Tigrigna:

1600-1700 on 9485 SAM 250 kW / 188 deg to EaAf Thu

Voice of Ethiopian National United People's Front in Amharic:

1600-1700 NF 9445 SAM 250 kW / 188 deg to EaAf Fri, ex 9450

Dejen Radio in Tigrigna:

1600-1700 NF 9445 SAM 250 kW / 188 deg to EaAf Sat, ex 9450

Voice of Delina in Tigrigna:

1700-1730 on 7335 ARM 100 kW / 188 deg to EaAf Mon-Fri

Radio Democracy Shorayee in Persian, new from Nov.21:

1700-1800 on 7435# RUS or CIS transmitter to ME Tue/Thu/Fri/Sun

#co-ch WYFR in Russian via TAC [see IRAN [non]]

Denge Rojhalat in Persian:

1700-1900 on 7590* RUS or CIS transmitter to ME Daily

* not yet active

(DX Mix News, Bulgaria, Nov 23 via DXLD)

** BHUTAN [and non]. I think I heard Bhutan radio on 6035 from sign on at 0100 UT also on 10 Nov with south Asian music, but as the reception was much weaker than Myanmar I can not 100% confirm. There was a stronger station on that frequency with an very enthusiastic presenter in Spanish language, could be LV del Guaviare from Colombia. Fade out of presumed Bhutan radio was also around 0130 UT, so only the Spanish language station remained (Udo Krueger-D, Nov 11, wwdxc BC-DX Nov 24 via DXLD)

We had a couple recent reports that BBS was starting an hour earlier (gh, DXLD)

** BRAZIL. R. Senado, Brasilia, 5990, 0855-0910+ Nov 11, tune-in to jazz music, 0900 opening ID announcements, Brazilian ballads. Portuguese talk. Excellent; really booming in (Brian Alexander, Mechanicsburg PA, DX LISTENING DIGEST)

** CANADA. For quite some time, tho I have not mentioned it until now, RCI on 9515 in the mornings has been rather undermodulated. Nov 21 at 1505, I found its weak audio very much lower than its neighbour NHK Warido direct from Japan on 9505; and RCI // 13655 was also notably louder. No such problems have been noticed on stations relayed from Sackville, such as R. Sweden and CRI, which we can only assume enjoy higher priority for properly functioning transmitters (Glenn Hauser, OK, DX LISTENING DIGEST)

** CANADA. Quirks & Quarks Nov 25 --- Hello, This Week on Quirks & Quarks, the item that was postponed from last week:

"Backing Up The Earth". --- No, this isn't about reversing the direction of our planet through space, we're talking a backup copy of our world. Most major industries take backing up data very seriously,

with complete archives stored far away from their main computers. But what would we do if there were a major disaster? What if the entire planet were wiped out? It might sound like a concept best dealt with by science fiction, but it's a scenario some researchers take very seriously. Around the globe, scientists and archivists are working on systems for saving everything, from the smallest microbes to the biggest ideas. This week, we'll take a look at how to make a back up copy of Earth - and where to keep it.

Plus - building a sunscreen for the Earth in space.

All this and more on Quirks & Quarks, Saturday right after the noon news on Radio One, or anytime on our web page. Bob McDonald, Host Don't forget to check out our new Quirks blog:

<http://www.cbc.ca/technology/quirks-blog/>

Or subscribe to our Quirks podcast:

<http://www.cbc.ca/quirks/podcast.html>

Copyright 2005 Canadian Broadcasting Corporation (Quirks mailing list via DXLD) 1605 UT Sat on 9515, 13655, 17820, e.g. (gh)

** CANADA. Hi Glenn, I've finally received a copy of the latest 9625 sked, which you'll find attached. 9625 kHz is still on the air per the regular schedule, but propagation has been fairly unfavourable lately, in the evenings, from Sackville into the USA, so I've been told it isn't surprising that people might not be hearing it. 73- (Bill Westenhaver, Audience Relations/Relations avec l'auditoire, Radio Canada International <http://http://www.rcinet.ca> Nov 22, DX LISTENING DIGEST) The CBC NQ pdf grid is in the PROGRAM SKEDS folder in the dxldyg files (gh)

** CANADA. Re 6-172: For long-in-the-tooth DXers like myself Toronto's CHWO-740 is a wonderful nostalgia island in a sea of mediocrity. As I go about my various chores, my Bose Wave Radio pumps out the CHWO sound in the background most evenings. Radio just like when I was a kid and budding DXer! (Fred Laun, Temple Hills, MD, WTFDA-AM via DXLD)

It's McDonaldized Radio that I'd like to see gone. CHWO is one station that does provide an interesting, local service. If you like CHWO, maybe you'd also like CKDO Oshawa on 1580, which is not as clear as 740 but gets out fairly well. It has a similar format, though more on the later side of the oldies equation than AM-740. (My own musical tastes are all over the place, so I'm a community radio listener, mostly). (Saul Chernos, Ont., ibid.)

** CHINA [non]. Re 6-172, CRI sked in Spanish: Hoy 21 de Noviembre a las 2200 he realizado un chequeo de las transmisiones de China Radio Internacional en espa0ol. En 6175 vĩa Albania, se aprecia emisi0n de

esta emisora en portugu  s, no en espa  ol. Sin embargo en las frecuencias de 7210, 7250, 9490 y 9640 la emisi  n es en espa  ol con programaci  n en paralelo, en la frecuencia de 13700 no capto nada (Jos   Miguel Romero, Spain, Nov 22, dxldyg via DX LISTENING DIGEST)

Interesting to hear CRI in English as early as 2036 Nov 23 on 5960, which is Albania at 310 degrees // but slightly behind 11640 which is Mali at 111 degrees (Glenn Hauser, OK, DX LISTENING DIGEST)

** CHINA. Firedrake on new 9200, Nov 23 at 1422, // 6145. Could not hear anything from its victim underneath. Could mean new frequency for Sound of Hope, or if not that, some other clandestine. However, much weaker FD still audible on 10400 at 1426 check. Today's updated Aoki list <http://www.geocities.jp/binewsjp/bib06.txt> does not show anything on 9200, nor does PWBR '2007' nor HFCC B-06 (Glenn Hauser, OK, DX LISTENING DIGEST)

Yes. 9200 is SOH (QSY ex-17310 kHz) // 13970. Another program on 10400 // 14500 (S. Aoki, Japan, Nov 23, DX LISTENING DIGEST)

Firedrake on new 9200 still audible with good signal Nov 23 at 1952, and off for monitoring check at 2000 during which I could hear nothing else at all. Waited for it to come back, and that happened at 2004:40 or so. At 2029, 9200 and // 10400 were about equally received, unlike previous check (Glenn Hauser, OK, DX LISTENING DIGEST)

Firecracker [sic] has been found on 9200 at 2016 on 22.11 and at 1342 and 2025 today 23rd. Signal is better on the 16 H antenna with signal S5 or 25443 was // 10400 at 1342 (Zacharias Liangas, Thessaloniki, Greece, DX LISTENING DIGEST)

Firedrake gone again from 9200 where first heard Nov 23, but nothing Nov 24 at 1422, nor on 10400, 10450. In fact did not find any other FD in scanning several bands, except 6145 at 1432 against RTI in Mandarin. Transmitter problems? Propagation? Too ashamed to continue at previous level? Sound of Hope moved again? S. Aoki confirmed that SOH had moved from 17310 to 9200 (Glenn Hauser, OK, DX LISTENING DIGEST)

** CHINA [non]. China Radio International begins 24-hour DRM service to London --- on 26 MHz: see DIGITAL BROADCASTING

** CHINA [non]. New FM Radio Service, in Vientiane, the Capital of Laos. Glenn, go to <http://english.cri.cn/> and you can listen to this new station in Lao.

A new FM radio service established by China Radio International is formally launched Sunday to broadcast in Vientiane, the capital of

Laos. This is a special edition for the launch of CRI Vientiane 93.0 FM, which broadcasts celebratory programs on Sunday and Monday (Bruce in Gresham, OR, MacGibbon, Nov 22, DX LISTENING DIGEST)

** COLOMBIA. LV de tu Conciencia, 5810.53 and 6108.97, 0755-0830+ Nov 11, weak spurs of 5910.01 // 6009.49. Spanish ballads, Spanish talk, 0818 ID. 0819 English sermon with Spanish translations. 99.38 kHz separation between frequencies (Brian Alexander, Mechanicsburg PA, DX LISTENING DIGEST) 6010 missing: see MEXICO; 6035: see BHUTAN

** CUBA. RHC did drop 9820 for 6180. Like you, I've been checking and waiting, waiting, waiting. It switched on Nov 14. V. of Vietnam 6175 [via Canada] splashes. Sometimes 6180 has co-channel QRM (Bob Thomas, Bridgeport CT, Nov 19, DX LISTENING DIGEST)

Here is now item one of today's program: Lots of e-mail messages commenting about reception on 6180 kiloHertz, the frequency that we are using now to Central North America starting at 00 hours UT. Yes, at 00 hours UT and until 00 [sic; means 07] hours UT, 6180 kiloHertz is on the air with our Spanish language magazine show's first broadcast hour. Then at 01 we start the first run of our English language program to North America and the Caribbean. The first re-run is on the air from 03 to 05 hours UT, and the final English language transmission is on the air from 05 to 07 hours.

Item two: Also related to our B-06 schedule. More changes will be coming up starting on Nov 22 Wednesday UT day. And they will make possible receiving our Spanish language morning show, Despertar con Cuba, that is Waking up with Cuba, with much better signals in North America after 13 hours UT, as we will be using frequencies on the 19 and 22 meter band during the last two hours of our four hours Spanish language magazine show. The new frequencies will be 15370 kiloHertz, again, slowly for you to be able to write them down, one five three seven zero, 15370 kiloHertz on the 19 meters band, starting at 13 hours and until 15 hours UT, and the other frequency after 13 hours is going to be 13680 kiloHertz on the 22 meter band, again 13680, they will both be broadcasting in Spanish to North America, as we have developed a very large and faithful audience in Canada, the USA and Northern Mexico for our Despertar con Cuba morning program (Arnie Coro, C02KK, RHC DXers Unlimited Nov 21, ODXA via DXLD)

As Arnie Coro advised on the midweek DXers Unlimited, RHC has finally indeed moved to 15370 for the 13-15 UT broadcast, as heard Nov 22 at 1353, so it's not a typo for 13750, altho that frequency is canceled at the same time. But now there is a different 13 MHz channel, 13680 as well. No doubt RHC wanted to get its own broadcasts away from that awful squealing transmitter used for China relay after 1400 on 13740 (Glenn Hauser, OK, DX LISTENING DIGEST)

Radio Habana Cuba. I tuned in Wednesday, November 22 from 1300 to 1500 UT to check the two extra frequencies in Spanish that started today.

15370 (co-channel VOA Russian) and 13680 (co-channel Radio Farda) were both very strong here and were parallel with 15230 (co-channel CRI English), 11805, 11760 and 9550. 6000 was weak and faded out before 1400.

While checking RHC's frequencies yesterday and today (Nov. 22) I found that Creole was replaced by French. Creole 2130-2200, listed on 9505 and 5965 was in French parallel to French on 11760. Creole 2230-2300, listed on 9505 and 5965, was in French, not Creole. Similarly Creole 2330-2400 on 5965 was in French as was 0100-0130 on 9550. The same half-hour program in French was broadcast 11 times, 7 on the French transmission and 4 on the Creole transmission. Yes, I checked all eleven. What a waste of energy in what is supposedly an energy deficient nation. Cheap oil from Venezuela probably (Bernie O'Shea, Ottawa, Ontario, DX LISTENING DIGEST)

On a recent show Arnie enumerated the languages RHC currently uses, but haven't found it yet to see whether Creole was missing from that listing (Glenn Hauser, DX LISTENING DIGEST)

Cuba Radio Habana Cuba. More blunders on Thursday, November 23. 2000-2030 Portuguese missing on 11800, French instead. Nothing on 11760 where French should be. 2030-2100 Arabic missing on 11800, French again which is not even scheduled at this time. English on 11760 must have come on late, it was not there when I first checked. Parallel 9505 was coming in well. 2100-2200 carrier remained on on 11800, no Spanish as scheduled but was on 9550. 2130-2200 as on Wednesday, again no Creole only French on 9505 and 5965. French on 11760 was a minute or so behind them (Bernie O'Shea, Ottawa, Ontario, ibid.)

RHC was in English on 9550 until 0700* Nov 23. New 13680 in Spanish, when playing music at 1447 caused bad interference to China-via-Canada in English on 13675 during Voices from Other Lands. Could not side-tune far enough below to get rid of it. Commies vs commies! But RHC is now far enough away from the mess of China-via-Cuba on 13740 spreading above and below. RHC could shift to 13685 which sounds clear here, but Darwin and Bamako are listed there (Glenn Hauser, OK, DX LISTENING DIGEST)

** CUBA [non]. CLANDESTINA, 6185, Radio Rep'blica, 0126-0140, 22-11. Ahora que Radio Rep'blica transmite en la madrugada en esta frecuencia, nos impide escuchar a Radio Educaci n de M xico durante parte de la noche. Locutor, comentarios pol ticos sobre Cuba, identificaci n: "Las ondas alternativas de Radio Rep'blica", "Radio

República está contigo". A las 0130 horas, programa "Libros prohibidos", sobre libros prohibidos por el régimen castrista. 34333 (Manuel Méndez, Spain, DX LISTENING DIGEST)

More tramping on the Mexicans. So that would be ex-7205 via UK? Also happens to be right next to RHC's new 6180. I still have not managed to check this during the 00-02 block which 6185 presumably occupies; Nov 25 at 0222, I did notice that heavy Cuban jamming was still running on 7205 as well as 7110, the UK relays which are never on the air at the same time, as well as the German relay of RR on 5970, the only frequency with RR atop the jamming, and still jamming on 5910 which was vacated for 5970 weeks ago (Glenn Hauser, OK, DXLD)

Glenn: I know nothing about RR on 6185 or 1620. If they are there, I can assure you that we have nothing to do with it (Jeff White, RMI, Nov 24, DX LISTENING DIGEST) 1620? See VIRGIN ISLANDS US

** DOMINICAN REPUBLIC. 1680 kHz, 2355- Nov 15, 322, Radio Senda 1680 AM, República Dominicana, con programa evangélico "Noche de Liberación", identificación solo a las 0010 UT, HI__ Radio Senda 1680 AM, la emisora de la Unidad Cristiana" (Yimber Gaviria, Santa Marta, Colombia, DX LISTENING DIGEST)

** ECUADOR. 20 Noviembre 2006, 4919, 2340-, 222, Radio Quito, con charlas deportivas, identificación usual a las 0032 UT Radio Quito, la voz de la capital (Yimber Gaviria, Santa Marta, Colombia, DX LISTENING DIGEST)

R. QUITO, 4919, 0510 21 Nov, with music, ID by OM LV de la Capital, then with 'mariachi' song. 23232 max S2 (Zacharias Liangas, Retziki, THS, Greece, DX LISTENING DIGEST)

** EGYPT. On 15810, Nov 24 at 1352, very distorted talk in unrecognizable language. Must be R. Cairo as scheduled in Indonesian, 1230-1400, and likely also the case with Malay at 1145-1230. In A-season, same was noted after 1430 in Pashto, but now that has moved to 9975 where we are not going to hear it. The 15810 transmitter always seems to be out of whack. In fairness, when they have a transmitter that is in whack, I should say so (Glenn Hauser, OK, DX LISTENING DIGEST)

** FAROE ISLANDS. 531 kHz, Nov 21, 1400-1500 FR0: /'tvarp F'roya, Akraberg. English programme, "Soul Nation" on Tuesdays only. Unfortunately the reception was bad due to strong co-channel Russia and Iran. Thanks to Erik K'ie tip! (Mauno Ritola, Finland, HCDX Online Log via DXLD) Can other Scandinavians understand Faroese OK or does it help to have them in English? (gh)

** FRANCE [and non]. The French media authority CSA withdrew the mediumwave licences of Superloustic (ex 675 and 999) as well as Radio de la Mer (ex 1080), according to this posting <http://forum.mysnip.de/read.php?8773,430257,459355,sv=1#msg-459355> which mentions the docket numbers of the referred CSA documents. Some Superloustic statements about future DRM transmissions were quoted when 675 and 999 went off, but now it appears to be clear that they won't ever start.

675 was a higher powered (tho certainly not 600 kW like used until 1996, when France Inter left mediumwave; the 100 kW listed in WRTH could well be true) transmitter at Réaltor near Marseille while 999 was a 10 kW at Villebon sur Yvette near Paris.

<http://perso.orange.fr/tvignaud/galerie/am/13realtor.htm>

<http://perso.orange.fr/tvignaud/galerie/am/75villebon.htm>

1080 was a humble 1 kW at Romainville, the traditional Paris city mediumwave site. Has it ever been heard abroad?

<http://perso.orange.fr/tvignaud/galerie/am/75romainville.htm>

Note also that RNW will tomorrow use the Col de la Madone site on 702, too. What became of RFI via this transmitter, cancelled again? (That's difficult to follow from here since Slovakia still dominates on 702, no matter that the high power transmitters were meanwhile replaced by a not-so-expensive 40 kW.)

<http://perso.orange.fr/tvignaud/galerie/am/06col-madone.htm>

(Kai Ludwig, Germany, Nov 21, dxldyg via DX LISTENING DIGEST)

** GABON. ANO The Buzz, 19160 harmonic Nov 23 at 1930 at 5 over S9 level, mostly buzz but a bit of modulation mixed; and much stronger at 1956 check on 9580 fundamental (Glenn Hauser, OK, DX LISTENING DIGEST)
See also UNIDENTIFIED 11785

** GERMANY. 6005, Deutschlandradio Kultur network, Berlin-Britz; 2130-2202, 22 November 2006. Clear and good with news summary program in German, including lots of short sound-bytes of Bush, etc. Canned male "Deutschlandradio Kultur" moments prior to 2200, time sounders, into news (Terry L. Krueger, Clearwater FL, DX LISTENING DIGEST)

** GERMANY [non]. Ran across a good signal from Europe in English with news and sports about Netherlands, Nov 22 at 0622. But no RN in English at this hour. It's Deutsche Welle via Kigali to West Africa at 295 degrees, and thus onward toward us. Unfortunately, this is one of the English broadcasts reduced to a semihour, followed by Hausa (Glenn Hauser, OK, DX LISTENING DIGEST)

** GREENLAND. I've been hearing rumors for some time that KNR radio in Greenland is now airing an English newscast each day, but I haven't

been able to confirm this, nor do I know what time this English newscast supposedly airs. I can see this possibly happening next summer for the benefit of American tourists who take the direct flight to Greenland from Baltimore, and it may be something that KNR may actually consider doing. After all, YLE also aired newscasts for tourists on their domestic service in the summertime although now I believe they're aired all year round.

I have also heard that KNR is no longer the only radio station in Greenland, and that the country now has some private radio stations as well. However, I have not been able to find any information regarding station locations or frequencies on the net. If anyone has a better idea of just what's going on with the current Greenland radio scene, could you please post your information and observations here? Also, are either of the two AFRTS stations that used to operate from Kangerlussuaq and Thule still on the air or did they cease their transmissions ages ago? (Sam Ward, Mississauga ON, Nov 21, dxing.info via DXLD)

Where have you heard such rumors? I recently suggested that KNR *ought* to broadcast in English (Glenn Hauser, OK, DX LISTENING DIGEST)

See WRTN-06. There are a number of private radio stations in Greenland, all FM. The AFRTS stations in Thule and Søndre Strømfjord are gone decades ago. From the world's northernmost DXer (Bjarne Mjelde <http://www.kongsfjord.no> ibid., dxing.info via DXLD)

** HUNGARY. R. Budapest, English to NAM at 0330 on 6035, usually shot out by R. Marti 6030. At 0200 poor on 6110 (Bob Thomas, Bridgeport CT, Nov 19, DX LISTENING DIGEST)

** INDIA. 21 Nov, AIR station was again heard on 4900 until about 1540 sign-off. 4940 Guwahati was not audible here, so I tend to believe it could be Guwahati as tentatively reported by Mr T R Rajeesh in India (Jari Savolainen, Kuusankoski, Finland, DX LISTENING DIGEST)

** INDIA. 15020 kHz. All India Radio. 19/11, 1053 UT. Noticiero en inglés. La portadora se interrumpe varias veces. SINPO 34443. RX: Degen DE1103, Sony ICF-7600DS, antena exterior de 15 m. 73, (Moisés Knochen, Montevideo, Uruguay, DX LISTENING DIGEST)

** INDIA. Best frequency for AIR in English at 1330 is 9690 with fair level but it fades out sometime after 1400; 11620 and 13710 are inaudible, noted 11/23 (Joe Hanlon, NJ, DX LISTENING DIGEST)

** INDIA. AIR special transmission in Urdu to Middle East for Haj Pilgrims --- All India Radio will broadcast half an hour daily service

in Urdu to Sa'udi Arabia for Haj Pilgrims from 1st December 2006 to 29th January 2007. Details as follows: 1100-1130 IST (0530-0600 UT). 11730 (Khampur, Delhi), 15770 (Aligarh), 17845 (Khampur, Delhi) Regds, (Alokesh Gupta, New Delhi, dx_india via DXLD)

** INDIA [non]. RUSSIA: Frequency changes of TWR India to SoAs in SoAs langs: 0015-0115 NF 7345 IRK 250 kW / 180 deg, ex 7225
1245-1545 NF 5950 IRK 250 kW / 180 deg, ex 6060
(DX Mix News, Bulgaria, Nov 23 via DXLD)

** INDIA [non]. Voice Hindi test transmission. Voice Hindi noted with test on 15515 with talks in English/Hindi/Punjabi. Schd for this test txn: 0430-0730 UT on 15515. Reports to: india @ cvc.tv (Alokesh Gupta, New Delhi, Nov 23, HCDX via DXLD)

An old 100 kW transmitter at Gavar Armenia [short call ERV] used for that service. 15515 0430-0730 41S ERV 100 125 English ARM CVC CVI
I guess it's n o t essential to do all these missions to the Moslem world; China, India and Guatemala for instance. Is like a new imperialism of the western world. 73 wb (Wolfgang B,schel, ibid.)

** INDONESIA [and non]. Today there are outstanding reception conditions towards Asia and Pacific. 11860, RRI Jakarta shows a signal strength at my place, about S=9+20 dB on Eton E1 Radio from Lextronix. Armchair listening. Also all China and Philippine stations are very loud here in Europe today. 73 wb (Wolfgang B,schel, Stuttgart, Germany, Nov 21, DX LISTENING DIGEST) see also NEW ZEALAND

9525 at 1615z Nov 23, V. of Indonesia in Arabic, good signal, // 15149.8 with poor signal. Synchronized audio so both channels must be short path (quite a long distance in darkness for 19m to propagate). (Jerry Lenamon, Waco Texas, Drake R8B with sloper, dxldyg via DX LISTENING DIGEST)

** INDONESIA. UnID RRI heard on 3214.84 kHz at 1101-1329+ on Nov 21 (S. Hasegawa, NDXC via DXLD) This station signed off at 1436 on Nov 21. Nov 22 on 3215.16, Jakarta news relay at 1200-1224. Reactivated Manado? (last check in May 2000). (A. Ishida via NDXC-HQ, controller: S. Hasegawa, Nov 22, DX LISTENING DIGEST)

[Later:] The RRI-Manado reactivated on 3215V kHz. Nov 21 on 3214.83 kHz, Nov 22 on 3215.16 kHz, Nov 23 on 3215.07 kHz. At 1432 on Nov 23 as ID "Pro satu RRI Manado" sign-off at 1504 with NA.
<http://www.max.hi-ho.ne.jp/a-ishida/manado.mp3>
(A. Ishida, ibid.)

** INTERNATIONAL VACUUM. Loren Cox's latest comments on TV news by satellite: see QATAR [and non]

**** INTERNATIONAL VACUUM. FROM SPUTNIK TO SATNAV**

November 23, 2006 The Guardian

The first man-made satellite was a spiky metal sphere that orbited the Earth for less than three months, doing little more than beeping over the radio. And yet the launch of Sputnik in 1957 caused huge excitement. The USSR gloated about winning the race into space; the US was shocked and humiliated at being overtaken. America launched Explorer the year after, and space became just another front in the cold war.

No one cares much about satellites any more. But our lives are increasingly dependent on them - for business, entertainment and communications, as well as war and espionage. Chris Bowlby tells their story in From Sputnik to Satnav (9 pm, Radio 4). This first instalment features an interview with Sergei Khrushchev, rocket scientist and son of the former Soviet leader.

Now available on Listen Again at

http://www.bbc.co.uk/radio/aod/mainframe.shtml?http://www.bbc.co.uk/radio/aod/radio4_aod.shtml?pm

This is the first of three programmes tracing the history of the man-made satellite, from Sputnik's Cold War launch to the present day. Satellites in space are crucial to much of life on Earth today (via Mike Terry, dxldyg via DXLD)

Interesting show; I listened. Disregard error message on BBCR2 Player and just go to From in the alphabetical programme listing (gh)

**** IRAN [non]. Note one of the items above under BELGIUM [non]:**

Radio Democracy Shorayee in Persian, new from Nov. 21: 1700-1800 on 7435# RUS or CIS transmitter to ME Tue/Thu/Fri/ Sun #co-channel WYFR in Russian via TAC (DX Mix News, Bulgaria, Nov 23 via DXLD)

7435 tentatively via Almaty, Kazakhstan, 7590 via Samara, Russia (wb) (Wolfgang B,schel, DX LISTENING DIGEST) 7590 meaning other clands?

7435, R. Democracy Shorayee, Nov 21 *1701-1725 34333-34232-33332 Farsi, A new broadcasting station, 1701 sign on with opening music, Opening announce and ID, Talk, Tue and Thu and Fri and Sun only (TDP web site) (Kouji Hashimoto, Japan, Japan Premium via DXLD)

RUSIA [sic], 7435, Radio Democracy Shorayee, 1710-1730, escuchada el 23 de noviembre en idioma persa a locutor y locutora con comentarios, ID, segmento musical, constantes referencias a ``Radio Democracy

Shorayee``. SINPO 45444. La se0al sin interferencias pero se aprecia un aumento del ruido. Audio:
<http://valenciadx.multiply.com/music/item/234>
(JosÈ Miguel Romero, Spain, dxldyg via DXLD) What does Shorayee mean?

NEW CLANDESTINE RADIO COUNCIL DEMOCRACY OBSERVED ON SHORTWAVE, WEB

BBC Monitoring observed a new clandestine radio broadcasting in Persian on shortwave 7435 kHz at 1700-1800 gmt on Friday 24 November 2006, identifying as ``Radyo Demokrasi Shora'I`` [Radio Council Democracy].

The full opening announcement was translated as follows: ``You are listening to the Voice of the Council Democracy. Radio Council Democracy is the voice of the workers, proletariat, women and all the oppressed people who are fighting for freedom and socialism``.

A website address was given near the end of the broadcast,
<http://www.radioshora.org> This Persian-language site features an on-demand audio archive of their broadcasts.

Shortwave airtime broker Ludo Maes's website
<http://www.airtime.be/schedule.html> lists this broadcast on this frequency at this time on Tuesday, Thursday, Friday and Sunday Source: BBC Monitoring research in English 24 Nov 06 (November 24th, 2006, 20:41 UTC by Andy, Media Network blog via DXLD)

** ITALY. Rai, 11800, Nov 22 at 1500 introducing broadcast in Italian to Malta, mentioning this and 11825 plus a 9 MHz frequency I did not catch. Not audible on 11825 next to WYFR, but good on 11800, far beyond the target area. Rai schedule at <http://www.bclnews.it> shows it at 1500-1525 for North Africa, the third frequency being 9575, but I'm sure I heard them address Malta.

However, 11800 is beamed 120 degrees toward the ME (CIRAF 38, 39), much too far eastward for Malta, while 11825 and 9675 are aimed 235 degrees (CIRAF 37), too far westward. But directly off the back of 120 is 300, more or less toward us.

This was probably the broadcast originally in the Maltese language, but replaced by Italian years ago due to ``unavailability of Maltese announcers``, the Italian word for which one linguist mistranslated literally as ``indisposition``. BTW, what does Prato Smeraldo, the place of the Rai transmitter site mean? Smeraldo is Emerald, but neither Babelfish nor Google can translate Prato (Glenn Hauser, OK, DX LISTENING DIGEST)

Re Maltese: I confirm. R. (Roberto Scaglione, Sicily, DX LISTENING

DIGEST)

Hi Glenn, My dictionary defines 'prato' as meaning 'meadow' hence the translation of 'Prato Smeraldo' would be 'Emerald Meadow' (Steve Lare, Holland, MI USA, dxldyg via DX LISTENING DIGEST)

That's a pretty common word and does not speak well for online translators. Wish I could find my (paper) Italian/English dictionary, and several other languages (gh, DXLD)

** ITALY [and non]. Rai, English to NAM at 0055 on 11800, but clobbered just after 0100 by Christian radio 11805 [CVC La Voz, Chile] en español. Sometimes Rai no show, poor propagation (Bob Thomas, Bridgeport CT, Nov 19, DX LISTENING DIGEST)

Re moving Rai down from 11800: Mario: For the record, 6065 looks good but here's the problem. Sweden is on at Rai's start time, 2240 UT, and RS is off at 2300. At 0100 (actually as early as 0050 or so for warmup and interval signal) WYFR comes on, in English to Canada, and that ruins reception of RAI in English and French which ends the program cycle.

6195 is the best alternate because no other stations are occupying the channel between 2240 and 0125 -- though Prague could cause QRM on the high side, 6200, from 0100. I think that 6195 is the best option, so please look into using this channel. Thanks (Joe Hanlon in NJ, USA, Nov 21, to Raiway via DXLD)

** ITALY. Frequency change for RAI International:
0345-0405 NF 7200 ROM 100 kW / 052 in Russian, ex 7165 \ 5965 11830
0405-0425 NF 7200 ROM 100 kW / 052 in Ukrainian, ex 7165 \ 5965
(DX Mix News, Bulgaria, Nov 23 via DXLD)

** ITALY [non]. IRRS and EGR back on air as of Nov. 24, 2006

Hi, Just a short note to confirm that our programs on IRRS Shortwave and European Gospel Radio are back on the air as of Friday Nov. 24th, 2006. We hope that the upgrade of our station and the additional power will help provide a better, louder signal in our targets. Here is our schedule effective Nov. 24, 2006. More broadcasts will be added in the next few weeks:

WKDAY	FREQ	UTC START	UTC STOP	CET START	CET STOP	TARGET
=====						
Fri	15750	1200	1300	13.00	14.00	W/AFR
Fri	5775	1700	1930	18.00	20.30	EU
Sun	9310	1030	1300	11.30	14.00	EU

Sun	15735	1300	1330	14.00	14.30	India
Sun	5775	1500	1600	16.00	17.00	EU
Sun	5775	1700	1930	18.00	20.30	EU

All programs also available 24/7 via streaming audio at:
<http://mp3.nexus.org> and <http://www.egradio.org>

As usual we appreciate all reception reports, comments and questions via email to reports@nexus.org or by snail mail at the addresses that you can hear on the air. Happy Thanksgiving week-end to those in the USA and happy listening to all. 73s, (Ron Norton, NEXUS-Int'l Broadcasting Association ron@nexus.org <http://www.nexus.org> Nov 24, DX LISTENING DIGEST)

Presumably via BULGARIA, never acknowledged. So what are the powers and azimuths now? (gh, DXLD)

5775, Europa Gospel Radio, 1906-1930, escuchada el 24 de Noviembre en inglés a locutor con comentarios de carácter religioso, ID y dirección, segmento musical con tema ``Country``, SINPO 55544. Audio: <http://valenciadx.multiply.com/music/item/242>
 (José Miguel Romero, Burjasot (Valencia), España, Sangean ATS 909, dxldyg via DX LISTENING DIGEST)

** JORDAN. Trouble hearing R. Jordan English weekdays [11690]: either poor propagation, masked by hash, or covered by RTTY. Nov 19 [Sunday], I got them good, some fade, ever-present RTTY. 1500 UT, dance/rock 96.3 FM listeners' music request. A bit humorous to hear accented female DJ: ``This is your music request (name) for you. Yo! Yo! Yo!`` She's good, though. 1600-1603 news, then more music. Not consistently good reception day after day (Bob Thomas, Bridgeport CT, Nov 20, DX LISTENING DIGEST)

** KASHMIR [non]. 5102, V. of Jammu Kashmir Freedom, Nov 20 *1259-1310, 45444, 1259 sign on with opening music, ID, Kor'an, Talk, (Kouji Hashimoto, Japan, Japan Premium via DXLD)

** KOREA NORTH. On 6398.8 kHz I found Korean opera music and speeches from around 1500 until 1900 UT (sign-off). This should be P'yongyang station in Korean. \\ 6250 at 1630 much weaker and disturbed by strange sound (Udo Krueger-D, Nov 11, wwdxc BC-DX Nov 24 via DXLD)

** KOREA NORTH [non]. Additional Broadcast for N Korea, Open Radio for NK, in Korean on 7365 at 1400-1430 (S. Aoki, Japan, Nov 23, DX LISTENING DIGEST)

** KOREA NORTH [non]. Frequency change for R. Sea Breeze / Shiokaze: 1300-1330 NF 9950 TAI 100 kW / 002 deg to KRE, ex 9730

langs: Korean Sun/Wed; English Mon/Thu; Japanese Tue/Fri; Chinese Sat
2030-2100 on 9645 TAI 100 kW / 002 deg to KRE in Japanese, no change
(DX Mix News, Bulgaria, Nov 23 via DXLD)

** KOREA SOUTH [non]. En conversaci n con Ramiro Trost, me coment  la
primicia de que KBS World Radio, est. buscando para el mes de marzo es
decir "B-07" [sic, means A-07], un sitio retransmisor en Am rica, no
descartando Chile para tal emprendimiento t cnico (H ctor Fr as,
Radioescuchas FEDERACHI, CHILE, via Jose Miguel Romero, DXLD)

OK, but they already have a relay site in America, Sackville at 11 on
11795 in Spanish (gh, DXLD)

** KURDISTAN [non?]. Clandestine[?], V. of Iraqi Kurdistan, 6335,
0420-0435+ Nov 11, presumed with ME type music, Arabic talk. Poor,
weak in noise (Brian Alexander, Mechanicsburg PA, DX LISTENING DIGEST)
As in PWBR '2007' located at Salah al Din (gh, DXLD)

** LAOS. New FM relay of CRI in Vientiane: see CHINA [non]

** LIBERIA [non]. Despite recent problems with the tax authorities,
Star Radio continues as usual, Nov 23 at 0702 with news of a US AID
grant of 540K\$ for highway rehab, 9525 via Ascension, usual G signal
for those awake (Glenn Hauser, OK, DX LISTENING DIGEST)

** LIBYA. Hi all, What station (probably harmonic) could be on 753.5
kHz? Noted in Arabic this morning (and the past few days). Now, at
1310 UT there is only a strong carrier (S7, 25 uV), the bearing of the
signal in my location seems to be from Africa. The station interferes
with Radio Romania upon 756 kHz. Thanks in advance and best 73 (Salvo
Micciche, Italy, Nov 22, HCDX via DXLD)

Thanks to my friend Mauno Ritola for the help: we have found that the
transmission upon 753.5 kHz that interferes with Radio Romania (756)
is in parallel with 1251 and 711. This evening there were Voice of
Africa on the three frequencies. I noted also a strange behaviour: the
audio in 753.5 came one or two seconds after the other two. In the
morning there is a strong carrier in the channel. 73 (Salvo Miccich ,
Italy, Nov 24, MWC via DXLD)

** LIBYA. Another frequency for LJBC Voice of Africa in Arabic via
Sabratha:

0700-1130 on 15235#SAB 500 kW / 260 deg to WeAf

\\ 15415*SAB 500 kW / 130 deg to CeAf

co-ch VOIROI Albanian till 0727

* co-ch Radio Australia English

(DX Mix News, Bulgaria, Nov 23 via DXLD)

** LIBYA [non]. 17630, 19/11, 1200 UT, Sawt al Amal, clandestina para Libia, inicio de transmisi n con ID y marcha. Rx: Degen DE1103, Sony ICF-7600DS, antena exterior de 15 m. 73, (Mois s Knochen, Montevideo, Uruguay, DX LISTENING DIGEST)

** LITHUANIA. Glenn, I don't know Bob Thomas' email address. Maybe you would be able to contact him to find out the correct frequency for R. Vilnius at 0030 UT. I gave a listen this evening but couldn't hear anyone of either frequency. In DXLD 6-167 9825 is reported as heard so is expected to be the correct listing. In DXLD 6-172 9875 is listed. Is this one a typo? (Daniel Sampson, WI, Nov 24, DX LISTENING DIGEST)

No e-mail; he sends me postcards. Let's all check these out anyway (Glenn Hauser, DX LISTENING DIGEST)

** MADAGASCAR. 5010, R. Nasionaly Malagasy, Ambohidrano, 1855-1909, Malagasy, talks, seemingly a radioplay; 34332 but, unlike what's typical, the signal was improving (Carlos Gon alves, Portugal, DX LISTENING DIGEST)

** MALI. 7284.4, R. Mali, Kati, 1305-...., 18 Nov, French (had to check with // 11960), news; very weak audio, the same as when they switch to 4835.4 (as logged on 18 Nov, 1828). (Carlos Gon alves, Portugal, DX LISTENING DIGEST)

** MAURITANIA. 783 kHz, R. Mauritanie, Nouakchott, putting a fantastic signal once again, 2213-228, 18 Nov, Arabic related Vernacular, talks, French, newscast, chantings; 54444, QRM de E [Spain] (Carlos Gon alves, Portugal, DX LISTENING DIGEST)

** MEXICO. [and non]. Lo que me caus  m s sorpresa, fue notar que La Voz de Tu Conciencia de 0300 a 0500 UT desapareci  de las frecuencias por donde se le escucha siempre, 5910 y 6010 kHz. Esto permiti  que luego de mucho tiempo pudiera escuchar por primera vez a Radio Mil en los 6010 kHz; siempre hab a una leve interferencia al fondo, pero la propagaci n en la madrugada de hoy me premi  con esta escucha.

Comento que aproximadamente a las 0715 UT estaba realizando el scaneo respectivo y not  que la Voz de tu Conciencia no estaba escuch ndose, y como cosa curiosa me qued  en la frecuencia 6010 kHz un ratico [sic]; de repente oigo una voz que est  dando una direcci n de internet o correo electr nico que finalizaba en "mx" y me dije, contrale, esta tiene que ser Radio Mil --- entonces me qued  pegado esperando alguna se al m s clara y fue cuando escuch  a los locutores mexicanos hablando de su pa s, este para mi era un programa grabado en horas de la tarde o repetici n de un programa, ya que cuando recib an llamadas, dec an "buenas tardes".

Bueno, seguí a la escucha y fue cuando pude escuchar la mejor prueba de que era Radio Mil la señal sintonizada, ya que la propagación se abrió para dejarme escuchar la identificación de la radio y luego se volvió a cerrar para ponerse difícil, jajajajajaaj.

La verdad es que valió la pena, la levantada a las 0700 UT ya que me encontré con esta grata escucha: Radio Mil 6010 kHz.

En fin fue una noche de sorpresas: Radio Martí sin jamming en 5980 kHz a las 0700 UT; La Voz de Tu Conciencia desaparecida en los 5910 y 6010 kHz a las 0700; Y Radio Mil reinando en los 6010 kHz a las 0700.

Atte: (José Elías Díaz Gómez, Venezuela, Nov 22, DX LISTENING DIGEST)

6010 kHz, 0939- 18 Nov, 322, Radio Mil, México, con música romántica. Ausencia de LV de Tu Conciencia (Yimber Gaviria, Santa Marta, Colombia, DX LISTENING DIGEST)

** MEXICO. Update on XEPRS/XEPE reception report address --- Bill Lipis, CE of XEPRS/XEPE has sent me his new QSL address. Please send reports for both XEPRS and XEPE to: reception @ bcradio.com
Thanks. 73, (Patrick Martin, OR, Nov 21, NRC-AM via DXLD) 1090/1700

1700, XEPE, Tecate ñ 19 Nov 0355 [probably EST = UT -5] ``Where money talks...Cash 1700`` ID, ads for Southern California & San Diego. NEW. (SC-BR) (Saul Chernos, Burnt River Ont, NRC-AM via DXLD)

1630.0, XEUT, R. Universidad, Tijuana; 1326-, g on 10/6. ID ``Sistema universitario de la radio. XEUT 1630 kHz de amplitud modulada, Tijuana, Baja California, México. Est@s escuchando El fonógrafo del recuerdo.`` (Hideki WATANABE, Japan, Radio Nuevo Mundo via DXLD)

** MONGOLIA. 12085 kHz, The Voice of Mongolia. 19/11, 1000 UT, iniciando programa en inglés, programa dominical dedicado a la música. SINPO 45444. Rx: Degen DE1103, Sony ICF-7600DS, antena exterior de 15 m. 73, (Moisés Knochen, Montevideo, Uruguay, DX LISTENING DIGEST)

** MOROCCO. Winter B-06 of RTMorocco in Arabic:
0900-1500 on 15340 NAD 250 kW / 110 deg to NoAf
1100-1500 on 15335 TAN 250 kW / 027 deg to WeEu
1500-2200 on 15345 NAD 250 kW / 110 deg to NoAf
2200-2400 on 7135 TAN 250 kW / 027 deg to WeEu
0000-0500 on 5980 TAN 250 kW / 083 deg to EaAf
(DX Mix News, Bulgaria, Nov 23 via DXLD)

** MOZAMBIQUE [non]. VOA LAUNCHES NEW PROGRAM IN MOZAMBIQUE ON HIV/AIDS:

PRESS RELEASE --- Washington, D.C., November 22, 2006 The Voice of

Americais (VOA) Portuguese-to-Africa service launches a new, youth-oriented, radio program on HIV/AIDS aimed at audiences in Mozambique on December 2, 2006.

The show, Vida Sem Medo (Life Without Fear), is a 30-minute weekly program that focuses on the prevention and treatment of HIV/AIDS. The show will be produced in Mozambique and broadcast from Washington. ``We plan to include news and information about medical and social aspects of HIV/AIDS,`` said Ana Guedes, chief of VOA's Portuguese-to-Africa service. ``Our show will feature stories and interviews from across the country.``

Regular radio dramas produced by the Grupo Teatral Ntiyiso and call-in segments with a medical doctor are part of the regular programming. The program will be distributed across Mozambique by FM affiliates in the major cities, and on shortwave frequencies 909 KHZ/33 meter band [sic]; 21590 KHZ/13 meter band, and 18985 KHZ/15 meter band. It will air on Saturday and Sunday from 1200-1230 (Maputo time). VOA Portuguese is available at <http://www.voanews.com/portuguese/> (VOA Website via MD. AZIZUL ALAM AL-AMIN, BANGLADESH, Mike Cooper, DXLD)

That's Sat & Sun 1000-1030 UT; sites? 18985 and 21590 not in HFCC, Aoki or EiBi yet; 909 Botswana of course (Glenn Hauser, DXLD)

The 909 kHz frequency is not in the "33 meter" band, but on medium wave. Because of the limited range of medium wave during daylight hours, it is unlikely to propagate as far as Mozambique from the VOA Botswana relay. Many shortwave radios in Africa do not have coverage above 18 MHz (18000 kHz) and thus will not be able to receive the two shortwave frequencies. Posted: 23 Nov 2006 (Kim Andrew Elliott, kimandrewelliott.com via DXLD) Geez, IBB frequency management is getting out of touch (gh)

** NETHERLANDS [non]. RNW DRM TRANSMISSIONS FROM MONT SINERY BACK ON THE AIR

Our DRM transmission in English from MontsinÈry [GUIANA FRENCH] on 15425 kHz beamed to North America is now back on the air. The official start time for this transmission is now 2202 UT, to allow time to turn the rotatable antenna from one direction to another (November 22nd, 2006, 10:50 UT by Andy, Media Network blog via DXLD)

** NETHERLANDS [and non]. RNW on 1314 and 702 kHz

Kvits-y-1314 had already the carrier on air when first checked at 1855, who knows how early they switched it on. Did they want to make sure that no problems with the transmitters (this is a pair of two Telefunken S4006) will arise after they were unused (but presumably

had still the tube heatings on and were occasionally fired up on a dummyload) for almost five months? Modulation started at 1958.

Contrary to what I wrote yesterday also Col de da Madone on 702 comes in and dominates the frequency here. No obvious delay between the two mediumwave outlets, but 702 has not the heavy audio processing used on 1314. Grigoriopol on 6040 is not less than two seconds behind 1314/702.

Flevo/Zeewolde on 6015 basically skips over me, Sackville on 13720 could not be traced in the local noise floor here either.

Three recordings with these observations are in the "station sounds" section of the Yahoo group. On the sign on file one can hear from 4 to 7 seconds into the recording what appeared to me like somebody just barely opening a fader with the RNW audio and closing it again, but it could be something from a co-channel transmitter instead. Final, slow audio fade-in (not just a cut-in) at 21...26 seconds (Kai Ludwig, Germany, Nov 22, dxldyg via DX LISTENING DIGEST)

** NEW ZEALAND. RNZI in DRM -- Today RNZI 7145 decoded for first time; not only the station ID at 5-6 dB SNR, but now at 1320 UT at peaks 17 dB signal to noise ratio - also heard the clear audio of their program. In 1100-1300 UT range noted Rangitaiki on 9890, but with lot of dropout breaks in between today Nov 21. 9890 signals only decoded in 'above' 11-14 dB SNR range. An OM in Innsbruck Austria, Keith Gruenberger told about RNZI DRM on 9890 since 0930 UT with SNR 23dB! (Wolfgang B, schel, Stuttgart, Germany, Nov 21, DX LISTENING DIGEST)

In analog, RNZI 5950 at 1300z good signal to NAM with national and Pacific news (Jerry Lenamon, Waco, Texas, dxldyg via DX LISTENING DIGEST)

Altho others report RNZI DRM on 7145 before 1400, no DRM audible here on 7145 around 1420 Nov 21. I wonder if they are turning it off after 1400; maybe no station in Pacific wants to relay it then (Glenn Hauser, WORLD OF RADIO 1337, DX LISTENING DIGEST)

Confirming my suspicion that RNZI is turning DRM off from 7145 at 1400: Nov 22 I tuned in a minute earlier and heard the DRM buzz from 7140 to 7150, but it vanished promptly at 1400, so either they are no longer running it overnight, or have some other unknown frequency after that time (Glenn Hauser, OK, DX LISTENING DIGEST)

** PAPUA NEW GUINEA. RADIO BOSS SLAMS ANTENNA THEFT By ELIZABETH VUVU
<http://www.thenational.com.pg/112106/nation16.htm>

RADIO East New Britain director Terry Longbut has condemned the

actions of persons involved in the stealing of the local radio station's antenna at the Malmaluan repeater station in Gazelle district last weekend. He said the actions of a few hooligans would deny people access to vital information.

The antenna was used for broadcasting using the 104.3 FM band. Its disappearance would mean that listeners in the inland and outer parts of Gazelle would have no access to radio broadcasts. This was the fourth time in less than a year that such equipment has been stolen.

Mr Longbut called on the president of Central Gazelle and the councillor of Malmaluan ward to talk to their people and make them aware of the importance of protecting State properties. He also called on the Gazelle district administration to take note of the problem and take appropriate measures.

''The Malmaluan Station serves many people in the province, even some areas of the Pomio district. These people would now be denied access to vital information because of the actions of a few hooligans,'' he said.

Chairman for information and broadcasting Michael Nurvue told the people to respect State properties as it not only costs a lot of money but was also for their benefit (The Nation, November 21 via WORLD OF RADIO 1337, DXLD)

But what about SW 3385? We need monitors nearby e.g. in Australia to survey all the PNG SW frequencies to find which if any are active now (gh, ibid.)

Just did a quick scan. There appear to be PNG stations on 3220, 3260, 3275, 3315, 3335, 3365, 3385 and 3905. This was around 1000 UT (just after dark here). No ID's - just based on the music and what I can hear of the announcers - some in Pisin, some in English. I haven't noticed anything on 4890 for some time but noise on the lower bands has been really bad here for a while (WWV & WWVH on 5000, SIBS on 5020 and R. Rebelde on 5025 are decent enough). Regards, (Wayne Bastow, Wyoming, NSW, Australia, 33 23' 44.29" South, 151 21' 11.99" East, Nov 24, DX LISTENING DIGEST)

** PERU. Re 6-172, 4790: I'm sure it was Atlántida - (and the announcers pronounced it as you have it phonetically [aht-LAHN-tee-dah]). The male announcer ID'ed several times at the ToH. Never any mention of Radio Visiûn (Mark Taylor, WI, DX LISTENING DIGEST)

Glenn, Maybe there isn't any Radio Visiûn? I've never heard an ID from Radio Visiûn. I've heard the format reported and assumed whoever heard the station ID'd as Visiûn were correct? The audio is so bad, it's

difficult to hear details beyond the babel they do there. Maybe one of our SAM DXers can give that frequency another listen? (Chuck Bolland, FL, *ibid.*)

Looks like R. VisiŮn exists on 4790: a QSL letter:
<http://www.mail-archive.com/hard-core-dx@hard-core-dx.com/msg13029.html>
(Glenn Hauser, *ibid.*)

4790.14, Radio VisiŮn, 1044-1120 Nov 24. Noted a continuous broadcast of religious programming. All of the religious programming seemed to be originating in a church or some other poor acoustical area, judging from the echo effect heard. At intervals a man would come on live with TC's. Noted a canned ID by a woman which was very weak. No sign of Radio Atl·ntida on this frequency during the listening period. Radio VisiŮn was at fair strength (Chuck Bolland, Clewiston FL, *ibid.*)

** PERU. R. Melodĭa, Arequipa, 5939.3, 0620-0645+ Nov 12, Spanish pops, ballads, Spanish announcements 0632 ID. Poor, weak with adjacent channel splatter (Brian Alexander, Mechanicsburg PA, DX LISTENING DIGEST)

** PHILIPPINES. Frequency change for FEBC in Uighur from Nov. 10: 1400-1430 NF 9500 BOC 100 kW / 285 deg, ex 9505 to avoid VOA Urdu on 9510 (DX Mix News, Bulgaria, Nov 23 via DXLD)

** POLAND [non]. 9525, at 1300, S9+35db, interval signal and announcing "Radio Polonia". 5975, at 1300, S9+5db, Voice of Croatia in Spanish, news, music and talk, still on as I type at 1307 (Harry Brooks, NE England, Nov 24, dxldyg via DXLD)

Same here in Copenhagen. Must be a switching error on 5975! 1345 UT: 9525 peaking S9+10dB Chopin music
5975 peaking S9+30dB (Erik Kĭe, Denmark, *ibid.*)

** QATAR [and non]. Can no longer monitor VOA since the feed of TV and radio channels on Galaxy 3-C has gone away / an alternative for NAM viewers is the feed on NSS-806 (which also radiates the Ch·vez channel TELE SUR), but I don't have the required feed for that satellite which is circularly polarized.

The long-promised all-English channel of AL JAZEERA is to commence programming on 11/15; as of this writing they are running promos on the IA-13 & PANAMSAT 9 satellites (in wide screen no less) but I fear when programming commences the channel --- tho perhaps not initially -- will be encrypted, their intention being to sell the channel to commercial distribution entities, DBS and cable / Of course the ``Administration`` has been very unhappy with AJ considering it a propaganda arm of Al Q/

W'd assume DISH NET w'd not be carrying English AJ as part of their Middle East broadcaster package but as a part of their general offerings as they provide all-English CCTV-9 on their higher priced packages.

[I] receive CCTV-4 & 9 FTA [free to air] as well as multi-language DW, BBC WORLD, all-English RUSSIA TODAY (covering far more than Russian news), etc. / an English newscast on IRINN (the Iranian news channel) at 2030 UT; run headlines in English across the bottom of the screen during Farsi / & I don't know where the backhaul of Ms Goodman's ``Democracy Now`` is to be found, having left the tp on which I had been watching the program (yes, like everything else it's on the Internet but sitting down to a computer keyboard, I'm like boys who w'd freeze on the ``wobblestick``, the lever used for steering and gearshifting on Patton tanks, primitive armored vehicle of another era.)

Talk radio nets of the partly horse-sense, partly nuts types to be heard on IA-5 sat (e.g. ``First Amendment Network`` & ``Republic Broadcasting Network``), also heard on SW / ``real story`` of 9/11, etc. / but what can we say that we really know about anything these days? But some pretty good programming on alternative health approaches.

Addendum 11/15:

Programming on Al Jazeera's English language channel began today 11/15 at 1200 UT. Hearing a report on NPR ATC yesterday that programming was to begin today, I tuned in the channel a little before 2200 yesterday. Promos were up until 2200 when color bars came up with the lettering AJI DOHA MAINSPG / I thought programming w'd begin at 0000, but at that time a ``Countdown to Launch`` came on screen, with hours/minutes/seconds being counted off, ``launch time`` to be 1200 UT.

And I have to say I'm very favorably impressed with what I've seen thus far (after two hours) of AJI. Technically, it's ``state of the art``, the ``on air`` people are very good, having been recruited from British, US and other news organizations (all of the British accents give it a ``BBC`` sound). Stories on the ``third world``, the problems therein, the Gaza tragedy, plus the latest major world happenings ---

(Elements of the Gaza story not likely to be shown on US media, but is balanced by presentation of Is/ views re ``peace process`` & report of an Is/ casualty from a missile in Gaza)

If by chance one has a BUD (``big ugly dish``) & an MPEG-2 FTA

receiver, one may view AJI via IA-13 (121 deg W), 3900 MHz, vertical polarity, symbol rate 27684 / (May also be viewed via PANAMSAT 9 (58 deg. W, 3840 MHz, vertical polarity, symbol rate 27684 / BUT for all of you more advanced/civilized/broadbanding types, the access to AJI is via <http://aljazeera.net/english>

AJI has a motto ``EVERY ANGLE/EVERY SIDE``

AJI ñ AL JAZEERA INTERNATIONAL according to the NPR story is to be carried on the DISH NET, but for an additional fee / Cable entities thus far showing no interest / but I still fear encryption c'd be in the offing / A J (Arabic) has been encrypted for some time on P 9 (has been a part of DISH's Middle East package).

W'd say that CNNI, BBC WORLD, DW, and other broadcasters providing a worldwide TV news service have some very serious and very capable competition (Loren Cox, Jr., Lexington KY, DX LISTENING DIGEST) [by P-mail, retyped an edited as lightly as possible by gh]

** RUSSIA. Dear Mr. George John Poppin, Thank you very much for your detailed information about the Petropavlovsk-Kamchatsky and Vladivostok transmitters audibility at the beginning of the winter season B06. Taking into account your November reports we have decided to change the frequency band to a lower one at 0400-0600 in English from Vladivostok and to use the frequency 7255 kHz at 0415-0600 UTC instead of 15425 kHz at 0400-0600 UTC beginning with November 23, 2006. We highly appreciate your assistance. With regards, Anatoly Titov, Chief of the division for SW and MW Broadcasting Schedules of the General Radio Frequency Centre (via George Poppin, CA, Nov 21, WORLD OF RADIO 1337, DX LISTENING DIGEST)

** RUSSIA. Winter B-06 Radio Tikhii Okean / Pacific Ocean in Russian: 0935-1000 on 5960 VLD 250 kW / 050 deg
\\ 7330 VLD 250 kW / 030 deg
(DX Mix News, Bulgaria, Nov 23 via DXLD)

** RUSSIA. A Russian mystery --- Hi Glenn: This time I am up with a real Russian mystery - no old KGB agents, no politics at all, but the following:

Here is an extract from an E-mail I sent to the World Radio Network:

"I tuned in on 738 kHz and indeed WRN from Kurkino near Moscow was audible. The signal was moderately strong, not much interference but with some fading. This was today November 19, 2006 at 1525 UT. What I heard was a transmission in Russian and the identification 'Kitayskoye Mezhdunarodnoye Radio' made it clear to me that this was a CRI relay.

Then, at 1535 UT I heard the announcement "Radio Swoboda". This was followed by a programme of American pop music. Puzzling, really. I checked your website, heard the live transmission. There CRI was on, just starting a programme of light Chinese music announced in Russian. This was not what I heard on my radio.

Another station? It could not be, nothing on the 738 kHz channel fits in. Later RFI in Paris started dominating the frequency with its Vietnamese service around 1550, but everything seemed to indicate the Swoboda transmission came from you."

Here is the reply from WRN:

Dear Ullmar, Thank you for your message. You were hearing CRI from WRN on the 738 kHz frequency, however Radio Swoboda is not broadcast by us, we do not have any dealings with this station. As our 738 kHz transmission is only meant to cover Moscow we are surprised that you have picked it up.... in Sweden....? Kind regards, Paula Dine, Senior Administrator, WRN > TRANSMITTING SUCCESS

Well, I feel sure I heard the Radio Swoboda announcement, which seemed to come from WRN, with a program of American pop music which I heard for about 15 minutes, after which RFI in Vietnamese began to dominate, and I then checked the WRN webcast which carried CRI which started a program of Chinese pop music announced in Russian when I listened in, I have only two possible explanations:

1. There was a server mistake, the satellite broadcast from Radio Liberty was relayed after 1535 UT instead of the CRI program in Russian. This could happen only if different servers supply signals to the WRN transmitter on 738 kHz and to the webcast, since the webcast had the scheduled CRI transmission.

2. Radio Swoboda (Radio Liberty) which is listed for Moscow on 1044 kHz has put a new transmitter in operation somewhere in Russia. Have not seen any info in that direction. And I heard WRN relaying CRI again about two hours later on 738 kHz.

Perhaps a Russian DXer, preferably in Moscow could help us? Are the Radio Swoboda and WRN transmitters in Moscow situated on the same premises? If they are, the first alternative is plausible. Or is Radio Swoboda also operating on 738 kHz - in that case far away from Moscow for obvious reasons.... Hope someone can solve the mystery. Greetings, (Ullmar Qvick, Norrköping, Sweden, Nov 23, DX LISTENING DIGEST)

** SAO TOME [and non]. S9SS GOING QRT FEBRUARY 2007! Charles Lewis will retire in February 2007, and finish his work as IBB VOA station manager on the Island of São Tomé where he is known as S9SS (a.k.a.

A22AA, S92SS, SV0LM, SV5/SV0LM, A25/KY4P, KY4P). In his deserved retirement, he and Lesley, S9YL (a.k.a. S92YL, SV0LN, N3TIA), will live in the mountains of the northwestern region of North Carolina in the USA. His S9SS LOG is uploaded to LoTW [Log of the World]. Paper QSLs can be confirmed by his QSL manager N4JR. S9SS log on-line can be seen on Danilo's home page at: <http://s50u.s50e.si>

By the end of February, more than 80000 QSOs will be sent to: <http://logsearch.de/> All of his logs for callsigns prior to S9SS exist only on paper; however, he plans to create files of at least some of them for submission, little by little, to the LoTW over the next few years. It will require typing the data for about 100000 QSOs, so he perhaps will never finish the work. He will do the A25/KY4P log first (KB8NW/OPDX/BARF80 Nov 20 via Dave Raycroft, ODXA via DXLD)

** SAUDI ARABIA. Frequency change of BSKSA for B-06: Urdu: 1200-1355 NF 15215*RIY 500 kW / 055 deg, ex 15345 for B-05 *co-ch RFE/RL Russian till 1300 and Radio Free Afghanistan Dari from 1330 Arabic Holy Koran: 1500-1755 NF 15425 RIY 500 kW / 295 deg, ex 15315 for B-05 (DX Mix News, Bulgaria, Nov 23 via DXLD)

** SLOVAKIA. ESLOVAQUIA. Mañana viernes se emitirá por Radio Eslovaquia Int., el último corte de la entrevista que me hicieron el pasado verano; en esa entrevista se aborda un poco sobre la importancia de las emisiones en onda corta desde el punto de vista de alguien que está fuera de su país. Se emitió el pasado martes y se repite mañana. Atentamente (José Miguel Romero, Spain, Nov 23, Noticias DX via DXLD) I listened to their 11/24 file in Spanish but did not hear you; just an extended mailbag repeat (gh, DXLD)

** SLOVAKIA. BROADCASTING FROM THE TATRAS TO THE WORLD
Written by Juraj Koič

Photo: Courtesy of Radio Tatras International
Photo: Eric Wiltsher broadcasts in his studio

For over a year the Slovak private station Radio Tatras International (RTI) has been broadcasting to an international audience, as the only private station not only serving Slovak listeners but also Czechs and Slovaks who are living and working in the United Kingdom.

The project's history goes as far back as 1991 when the first private station was launched in the Tatras region. . . .
<http://www.businessslovakia.sk/index.php?id=2&idc=1318>
(via Eric Wiltsher, DXLD)

** SOUTH AFRICA. 15255, Nov 24 at 0627 with discussion in African-

accented English about Pan African Parliament. No ID heard but this is scheduled as Channel Africa to WAF at 06-07. I realise that there are scads of African languages, each of which ought to produce a different-sounding accent when speaking English. Nevertheless, there is broadly speaking an 'African' accented English, it seems to me, analogous to 'Indian' accented English by native speakers of different languages spoken in India. Perhaps the Africans and Indians can figure out an accented-English speaker's native language? (Glenn Hauser, OK, DX LISTENING DIGEST)

** SOUTH CAROLINA [non]. USA (non), Winter B-06 for Brother Stair TOM via DTK and TDF from Nov. 14/21:

1200-1300 on 6110 JUL 100 kW / 290 deg WeEu, Sun only
1300-1600 on 6110 JUL 100 kW / 290 deg WeEu, ex 1300-1500
1400-1600 on 13810 JUL 100 kW / 115 deg WeAs/ME
1400-1600 on 17810 GUF 250 kW / 323 deg NoAm, Sat only, not 1500-1700
1800-1900 on 9670 JUL 100 kW / 160 deg CeAf, cancelled
2100-2200 NF 7310 GUF 250 kW / 323 deg NoAm, Sun-Fri, ex 9785, re-ex 11610 (DX Mix News, Bulgaria, Nov 23 via DXLD)

** SPAIN. REE in English, 11680, 160 degrees to Africa, Nov 23 at 2031 with feature about a songwriter, good but QRDRM on low side, 11670-11675-11680, which is RNZI, 325 degrees, 50 kW currently scheduled at 1951-2050 (Glenn Hauser, OK, DX LISTENING DIGEST)

** SURINAME. 4990, R. Apintie, 0948-1003, Nov 23, Vernacular. Various ads/promos at tune-in; each starting with a tone. OM re Aruba at 0955 followed by nice ``Radio Apintie-Paramaribo`` ID and canned announcement. Back to OM at 1003 re Cuba and Jamaica. Fair with mild sweeper QRM (Scott Barbour, Sugar Hill Overlook, on the scenic Kancamagus Highway in the heart of the White Mountain National Forest, NH, R-75, dxldyg via DX LISTENING DIGEST)

** SWEDEN [non]. Still tough out there propagation-wise and with adjacent splash for a few stations. Sweden's 6010 [via Canada] at 0230 and 0330 with RHC 6000 and CRI 6020. There are others; V. of Vietnam 0100 on 6175 [via Canada] splash R. Netherlands [Bonaire] 6165 (Bob Thomas, Bridgeport CT, Nov 19, DX LISTENING DIGEST) Not sure which ones he means are causing more splash to which (gh, DXLD)

** SWEDEN [and non]. Radio Sweden complains of interference from Iran on 6065 kHz. "In violation of international custom, Radio Tehran has begun using the frequency we have used to more than 60 years. The interference occurs during the evening, and primarily affects listeners in southern Europe, but parts of central Europe are also affected at time."

<http://www.sr.se/cgi-bin/International/artikel.asp?nyheter=1&ProgramID=166&Artikel=1052815>

(Radio Sweden website via kimandrewelliott.com via DXLD)

This is probably sloppy and/or inconsiderate frequency management on the part of Iran, rather than deliberate jamming of Radio Sweden.

Posted: 24 Nov 2006 (Kim Andrew Elliott, ibid.)

** TAIWAN. Radio Taiwan International, 2006 Top Ten Taiwan News Stories contest [with prizes illustrated, deadline 12/31]
http://www.rti.org.tw/big5/activities/2006_top10news/english_index.aspx
Regds (Alokesh Gupta, India, DX LISTENING DIGEST) See also MUSEA

** TAJIKISTAN. 4635, Tadjik Radio, Dushanbe; 0029-0035 23 November, 2006. Clear and fair level with language male and female, orchestral fill, man at 0030, local vocals from 0032 (Terry L. Krueger, Clearwater FL, DX LISTENING DIGEST)

** TIBET [non]. Winter B-06 schedule for Voice of Tibet in Tibetan and Chinese:

1050-1350 on 17560*DB 100 kW / 131 deg to CHN + Chinese Music Jammer

1350-1520 on 7490#DB 100 kW / 131 deg to CHN + Chinese Music Jammer

1400-1430 on 17550 MDC 250 kW / 065 deg to IND

1530-1600 on 17550 MDC 250 kW / 065 deg to IND

* 17553-17568 range # 7483-7498 range

(DX Mix News, Bulgaria, Nov 23 via DXLD)

** TIBET [non]. USA(non), Frequency change for Radio Free Asia in Tibetan: 1500-1600 NF 7550, ex 7495 \\ 7470 11500 15145

(DX Mix News, Bulgaria, Nov 23 via DXLD) HFCC had 7495 as BBC via Dushanbe, Tajikistan (gh)

** TURKEY. Listened to Live from Turkey at 1951 UT Tuesday Nov 21 on webcast. The phone number given twice at outset is definitely: +90 312 491 2896, and mentioned twice again at 2005. NO callers, so the hosts played music and chatted about EU membership meaning Turkish ports would have to be open to Greek Cypriot ships, something Turkey doesn't want to do; and RCC Pope Benedict's upcoming visit where he will get second-class treatment since he will be welcomed by a Catholic official giving him a ride, rather than the president, as originally expected on a head-of-state level (Glenn Hauser, OK, DX LISTENING DIGEST) SW frequency for this is 6055

** U K. China Radio International begins 24-hour DRM service to London --- on 26 MHz: see DIGITAL BROADCASTING

** U K [non]. UNIDENTIFIED. Bible Voice Broadcasting, noted on 7185 at 2310 UT, with English preacher translated by another OM to Chinese (I'm not sure if it was Mandarin or Cantonese). 2323 UT short musical interlude, more talks, and from 2327 until 2330 two "special messages"

from BVB giving addresses in Canada and UK. End of transmission at 2330 without any understandable information about the transmission site. I've been looking at BVB site, but no info about this frequency or even this transmission. That's all for now 73's from Portugal (José Turner, Nov 18, DX LISTENING DIGEST)

JosÉ, The very last entry on the schedule I got via Drita «iÁo gives the answer:

Vietnam 7185 kHz; 41 meter band; 250 kW; Wertachtal

Day Time Language

Friday 2245-2330 Vietnamese

Saturday 2300-2330 Vietnamese

What date did you hear it? By Saturday, they may mean UT Friday, but Saturday in Vietnam. It is just now before 2300 Saturday as I reply.

73, (Glenn to JosÉ, via DX LISTENING DIGEST)

Indeed listening time was 2310-2330 UT (also my local winter time), Friday 17th. I've surprised myself not being capable of recognizing Vietnamese when I hear it, and confuse it with Mandarin (or Cantonese) which is even worse! I think that work is driving me "nuts" or at least spoiling a brain(mine!!) which used to work well!!! All the best, my friend (José Turner, Portugal, ibid.)

** U K [non]. BBC Caribbean frequencies --- BBC has too many (not quite duplicate) frequency pages on its website and there are errors:

http://www.bbc.co.uk/worldservice/schedules/internet/800/radio_frequencies_caribbean.shtml

page lists this for the morning:

11-12 UT: 6130 & 5875 [I think 5875 was dropped] and

12-13 9750 & 9660. [However, 9660 is heard here for both hours]

For the evening this page lists

21-22: 11675,

21-22: 9660,

22-23: 9480 (from 20/11)*, and

22-23: 5975.

The other webpage is

<http://www.bbc.co.uk/caribbean/institutional/frequencies.shtml>

and for the morning lists

11-13: 9660, 11-12: 6130, 12-13: 9750. [This may be correct]

For the evening this page lists 21-22: 11675, 21-23: 13765 [I don't hear 13765 in N.J.], 22-23: 5975, and 22-23: 9480* (new frequency from Nov 20, 2006)

*Contrary to both website pages, 9480 has been running from 21 to 23

so far [Nov. 22] with a WHRI sign-off ident. For a week or two the on-air announcement at 2259 was that beginning November 20 "from this time" 9480 would replace 9660 (Wells Perkins in N.J., Nov 22, DX LISTENING DIGEST)

** U S A. Good episode of VOA's Talk to America, Wed Nov 22, with Kim Andrew Elliott guesting the entire hour about international broadcasting, and the first caller Tarek Zeidan in Cairo. No more 5-minute editorial or other feature at hour end either. Altho this was publicized in advance in DXLD, if you missed it, find it in the audio archive at <http://www.voanews.com/english/NewsAnalysis/TTA-New-Past-Shows.cfm> (Glenn Hauser, OK, DX LISTENING DIGEST) see also MOZAMBIQUE [non]

** U S A [non]. Frequency change for Voice of America in Persian: 1530-1630 NF 7155 BIB 100 kW / 105 deg, ex 7270 to avoid VOR Turkish/Arabic (DX Mix News, Bulgaria, Nov 23 via DXLD)

** U S A. Lebanon, OR HF Broadcast Site [KTMI, which has already registered a frequency schedule with FCC for B-06 --- gh]

Glenn: After cleaning rain gutters and other chores at the farm, took an hour and drove (through serious rain - many small streams over their banks) 30 or so klicks South to the vicinity of the purported Lebanon HF site.

Not a promising location for HF transmission - located in the midst of moderate hills typical of the Willamette Valley, which is not a uniform flat basin like the California Central Valley, but which has a number of ranges of modest hills up to 500 ft. to 1 k or so AMSL, particularly along the courses of significant tributaries, such as the Santiam. Good locations for vineyards and Christmas tree farms, and sometimes gyppo loggers, but not ideal for HF transmission. Some flat areas nearby the alleged location, but none exhibiting any sign of three rhombics or an LPA. Even more telling for something that is supposed to operate four 50 kW boxes, no three phase power within a couple of miles. Another vision that may have become delusion? (Ben Dawson, WA, Nov 24, DX LISTENING DIGEST)

** U S A. WWCR, 12160, 1700-1730 Sat Nov 11. Once again I'm hearing WORLD OF RADIO with a weak WWCR religious program under WOR, 15825 bleeding into 12160 (Brian Alexander, Mechanicsburg PA, DX LISTENING DIGEST)

** U S A. WBOH, 5913.75 and 5925.75, 0820-0830+ Nov 11, weak spurs of 5919.75 with religious music. 6 kHz separation between frequencies (Brian Alexander, Mechanicsburg PA, DX LISTENING DIGEST)

** U S A. As someone just pointed out to me, whose report I can't find at the moment, WYFR is indeed on 7455, as heard at 0705 Nov 23 with Harold Camping. Signal is so strong here it desensitizes the FRG-7 for some 50 kHz plus and minus. Despite this, I could detect the RTTY underneath. If this isn't enough to drive the RTTY station off the frequency, nothing is.

WYFR is also still active on 6855, heard Nov 23 at 2004 with Bible reading. Need to check at 2100 whether still collides with numbers station (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. WINB back on 13570, Nov 23 at 1430 with Open Forum from Family Stations, Inc.; seems signal and modulation have been improved during downtime of several days. And then FR again appealing for Tamil-speakers to contact them.

[Later:] I spoke too soon about WINB's signal and modulation being improved. A few hours later, at 1926 Nov 23, 13570 had an awful ripple on an unstable, carrier also affecting the modulation, during another preacher (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. KAIJ, 9480, Nov 23 at 1953 had preacher audio cutting on and off irregularly, confused by the long pauses built into his presentation; 1959 interrupted by KAIJ ID (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. WBCQ, 18910-CLSB, Nov 23 at 2044 with big carrier, hum and preacher modulation barely audible (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A [non]. AWR in French, good on 11845, Nov 23 at 2009 in French giving address with deliberate LDE (long delayed echo) for effect, and then again unimpeded. Also unimpeded by the DentreCuban Jamming Command, which finally quit blocking a no-longer-used R. Marti frequency. This is 328 degrees from South Africa, thus also favoring NAM (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. KRSN DX Test this weekend --- Just to remind you all, my local graveyarder, KRSN 1490 will run inventory inserts consisting of phonetic voice IDs, morse code IDs and tone sweeps early on Sunday morning. The test will run at 0100, 0200 and 0300 MST on Nov 26 for ten minutes each time. [0800-0810, 0900-0910, 1000-1010 UT]

This will be tough. KRSN has a short antenna (folded monopole, about 80' tall) and is limited to 640 Watts by their STA.

Email reports are preferred. Include a recording if at all possible, otherwise give exacting detail. Email to dxtest@krsnam1490.com

Snailmail to KRSN AM 1490, 145 Central Park Square, Los Alamos, NM 87544. I will be handling the QSL cards. I hope I can send at least one. -- (Mike Westfall, N6KUY, WDX60, Los Alamos, New Mexico (DM65uv), "Los Alamos" is Spanish for "More than one Alamo" -- Dave Barry, Nov 22, NRC-AM via DXLD)

** U S A. I happened to be operating land-mobile (i.e., driving my car), after 0000 UT Monday November 20; altho I had my VCR at home set for CBS' 60 Minutes, which would start late because of a stupid ballgame, I checked to hear if the show were still on CBS Radio: yes, started promptly at 6 pm CT on KRLD-1080, which despite being only 400 km away was fading in and out, and later in the hour also heard on WBBM-780, tho it had some QRM in Spanish. Maybe KMOX-1120 has it too, but not checked. I think these may be the only 'clears' audible here carrying it, but there are several more CBS O&O in the East, and in the West (delayed 3 hours, no doubt) (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. RE 6-162, The Thomas Jefferson Hour new website <http://www.jeffersonhour.org/page/index/> includes a link to video of Clay Jenkinson's appearance on The Colbert Report Nov 15, which I somehow missed; maybe it's on an as yet unwatched tape. Jenkinson also writes a weekly column for the Bismarck Tribune, which can be accessed here: <http://www.bismarcktribune.com/news/columnists/> (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. Right here you can hear KSL's main stream and also their new X-Stream: <http://stage-v2.ksl.com/?sid=73621&nid=21> (Kevin Redding, AZ, Nov 23, ABDX via dXLD)

** U S A. **FALLEN TOWER MAY RISE AGAIN --- FULLERTON AIRPORT OFFICIALS SAY KFI RADIO WILL CREATE ANOTHER HAZARD BY REBUILDING.** By ERIC CARPENTER The Orange County Register Wednesday, November 22, 2006

FULLERTON ñ Pilots long referred to it as a looming hazard, nearly invisible from the air. In December 2004, the 760-foot-tall KFI-AM radio tower crashed to the ground when a rental plane descending toward Fullerton Municipal Airport slammed into it, killing the pilot and his wife.

Now, less than two years later, plans are being circulated to rebuild the radio tower ñ approaching its original height. It would rise at the same La Mirada location, less than two miles northwest of the Fullerton runway. . . http://www.ocregister.com/ocregister/news/local/article_1361504.php (via Greg Hardison, DXLD)

CC has apparently agreed to put flashing red lights on the tower at night and strobes in the daytime. You mean, the old tower lacked these??!! No wonder someone crashed into it (gh, DXLD)

** VATICAN. VR, 11625, Nov 23 at 2008 in African-accented English going into African News Panorama; good (Glenn Hauser, OK, DX LISTENING DIGEST)

** VATICAN. Vatican Radio to South Asia comes in with fair-to-good level in English at 1530-1550 (Sat. to 16) on 11850; 13765 is only fair here. For the 0140-02 release, 5915 had a good signal per UT-Nov. 24 check; 7335 was fair if heard on LSB-sync side, on a radio such as the Sony '2010, without CHU QRM (Joe Hanlon, NJ, DX LISTENING DIGEST)

** VIETNAM [non]. Hello all, Can anyone confirm that the station in presumed Vietnamese I could hear opening Nov 22 at 1400 on 7379.95 is Little Saigon Radio? Same station believed heard closing 1530 on Nov 19. This would mean transmission time has now been extended to 90 minutes (HFCC B06 lists this 1500-1530 via Taiwan)? 73, (Martien Groot, Schoorl, Netherlands, (TenTec RX340), dxldyg via DX LISTENING DIGEST)

** VIRGIN ISLANDS US. 1620 kHz, 2350-2400 22 Nov, 222, Tent WDHP, St Croix, escuch  una emisi n de Radio Rep blica en espa ol justo a las 2400 horas con identificaci n por locutora (Yimber Gaviria, Santa Marta, Colombia, DX LISTENING DIGEST) Needs confirmation, but why not? They also broadcast Radio Mart  at least on Saturday nite (gh)

UNIDENTIFIED. 4679, 19/11, 1014 UT. Muy d bil, bajo intenso ruido. Idioma espa ol, m sica de contenido religioso. Ni en WRTH ni en la lista EiBi hay nada registrado en esta frecuencia, aunque hay un par de bolivianas cerca. Rx: Degen DE1103, Sony ICF-7600DS, antena exterior de 15 m. 73, (Mois s Knochen, Montevideo, Uruguay, DX LISTENING DIGEST)

UNIDENTIFIED. Tuned in to 4680 on 11/25 at 0055 UT to Kor'an. 0058 W speaking. 0100 time pips and possible news with M. 0115 middle-eastern sounding music, W singing. Barely S7 on FRG-100's S-meter, and fair amount of QRN, but language almost Turkic, not so much Arabic-sounding. Also sounded like beginning of daily broadcast. 0100 would be 0600 in Tajikistan, so maybe Dushanbe. Think I might've seen them reported here once (Alex Vranes, Jr., Harpers Ferry, WV, Yaesu FRG-100B w/ 200' dipole, Grove tun-3, and Ameco TPA, dxldyg via DX LISTENING DIGEST) Or a variable Kurdish/Iranian clandestine, tho that would be a bit early for them. Dushanb  nominal 4635 (gh, DXLD)

UNIDENTIFIED. 10126, 5-digit Spanish YL numbers on AM with hum, surely not pleasing to ham intruder watchers, Nov 24 at 1424 and still after

1430. The only hit on this frequency in UDXF yg is this showing the Cuban spies have used same frequency before in CW instead of AM. Don't they know 30m is non-voice? (Glenn Hauser, OK, DX LISTENING DIGEST)

Viz.: 10126.0 DGI Cuba 1118 CW 5FG Cut Num. (26/06/06) (AJP) (Tony, LU2DKN, Mar del Plata, Argentina, UDXF yg via DXLD)

UNIDENTIFIED. 11715, 19/11, 1957 UT. Terrible ruido tipo diente de sierra con audio casi inaudible bajo el ruido. Señal muy fuerte (5). Esta estación la escucho todos los días en horas de la tarde local. Es el mismo tipo de ruido que reporté a condiglist antes en otra frecuencia y Glenn Hauser identificó como proveniente de un transmisor Arabia Saudí. Rx: Degen DE1103, Sony ICF-7600DS, antena exterior de 15 m. 73, (Moisés Knochen, Montevideo, Uruguay, DX LISTENING DIGEST)

[non] And that's what 11715 must be as in HFCC:
11715 1800 2300 46-48 RIY 500 270 1234567 291006 250307 D ARABIC ARS
ARS ARS 11139 HOLY Q (Glenn Hauser, DX LISTENING DIGEST)

UNIDENTIFIED. Re 6-172, GABON: Saludos Jari, hoy desde Valencia a las 1420 se observa en 11785 el mismo ruido que en 9580 y 19160, idéntico. ¿Tienen algo en común estas transmisiones? concretamente que relación tienen la de 9580 y 11785 para que en ambas emisiones sufran el mismo problema, el ruido es fuerte y hace imposible escuchar ninguna emisora en estas frecuencias. 73 (José Miguel Romero, Spain, dxldyg via DX LISTENING DIGEST)

José, I don't think this 11785 has anything to do with Gabon. It is just a similar sounding "buzz" as observed on ANO frequency. 73, (Jari Savolainen, ibid.)

UNIDENTIFIED. Re: 15575 ``NO ID en .rabe. 17 de Noviembre desde las 1405 estoy escuchando una emisora sin identificar en 15575, el idioma es en .rabe, locutor con comentarios y noticias, segmento de música .rabe y canto del Cor·n, SINPO 34443``

Saludos cordiales, cabe pensar que Esta transmisión tuvo que ser o bien accidental o lo mas probable una emisión fantasma; he chequeado Esta frecuencia en el segmento horario mencionado todos los días de la semana y no e encontrado ninguna emisión (José Miguel Romero, Spain, Nov 24, dxldyg via DX LISTENING DIGEST)

UNIDENTIFIED [non]. Very wide DRM blob, Nov 23 at 1936 covering 17855 to 17885, 30 kHz. Current DRM schedule explains that there are two separate transmissions next to each other:

1800-2000 Mon-Fri	17860	45	Brazil	15	CVC	CHL	Portuguese
Santiago Chile							
1235-2025 11/21-11/24	17875	165	Brazil	150	Test F	various	

MontsinÉry French Guiana
(Glenn Hauser, OK, DX LISTENING DIGEST)

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UNSOLICITED TESTIMONIALS  
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I appreciate Glenn's amazing knowledge of all things radio. If only I knew a portion of what he's forgotten!

Anyway, his use of the "x" in words like "condixion" still amuse me. For the longest, I had no idea of what he was trying to say. There is (and will ever be) only one Glenn Hauser!! Happy Thanksgiving!! 73 & Great DX'ing! (Stephen Ponder N5WBI, Southeast TX DXer  
<http://setxdxer.blogspot.com/> Houston TX USA, ABDX via DXLD)

Tnx, but not a good example, as I do not replace t's with x's. It's ct as in connection which is axually pronounced like connexion, and at least in UK in this particular word it is an axeptable variant (gh, DXLD)

PUBLICATIONS  
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EIBI FREQUENCY LISTS

The EiBi skeds for B06 are posted, however currently only in frequency order. <http://www.eibi.de.vu/>  
(Steve Lare, Holland, MI USA, Nov 22, dxldyg via DX LISTENING DIGEST)

Hi, on <http://www.eibi.de.vu/> you may find the latest version of my shortwave frequency list for the winter season 2006/2007. You can now download freq-b06.txt and sked-b06.csv (go to "DX page")

Due to a new approach in the compilation process, only the frequency-sorted list is available so far (some more programming is required on my side). Sorry for any inconvenience, especially for users of SWLog and RadioExplorer. I try to bring up bc-b06.txt in the near future.

Additionally you may download the database in CSV format which allows you to use GuindaSoft Lister  
<http://guindasoft.impreseweb.com/utile/utile.html> which shows and sorts the lists by any column. (This programme is smaller and faster than using Excel which would also be an option).

The CSV file contains new columns which show the dates for which an entry is valid. The 'p' column is a flag code which decides if it's a

one-season entry or if it's valid forever (e.g., homeservices that never change frequency), and if in the latter case it is subject to DST changes. This will save me a lot of work whenever a new season starts.

0 = This season only.

1 = Always.

2 = Always but observes DST.

3 = Always but observes DST (Southern hemisphere).

6 = This season and only during the time period given in the last 2 columns.

Have fun on the bands (it's CLE weekend), EiBi

(Eike Bierwirth, 55128 Mainz, Germany --- Find the current overall shortwave schedule on <http://www.eibi.de.vu/> capercaillie @ gmx.net - Eike.Bierwirth @ gmx.de ICQ 272 656 360 Rx: JRC-NRD525, SONY ICF-SW7600G Nov 24, dxldyg via DX LISTENING DIGEST)

I downloaded the EiBi frequency list and had a chance to use it a little the other evening. Although it's only 90 percent or so complete at this time, I think it is a "work of art". The list is so concise and neat, it's a pleasure to just look at it (Chuck Bolland, FL, Nov 24, DX LISTENING DIGEST)

MUSEA

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TAIWAN INTERACTIVE RADIO MUSEUM

RTI has recently put this interactive webpage on The National Radio Museum <http://museum.rti.org.tw/index.asp?lan=en>

Regds (Alokesh Gupta, India, DX LISTENING DIGEST) First thing to do is turn OFF the annoying music, at the upper right corner (gh, DXLD)

DIGITAL BROADCASTING

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DRM: see also FRANCE; NETHERLANDS; NEW ZEALAND; SPAIN; UNIDENTIFIED 17855-17885

CHINA RADIO INTERNATIONAL USES WRN's 26 MHZ LOCAL DRM SERVICE FOR 24-7 BROADCASTING TO LONDON

China Radio International (CRI) has begun a continuous local DRM service to London on its own dedicated channel via the trial 26 MHz service operated by WRN, the London-based broadcast and transmission services company. This collaboration follows a recent visit by the President of CRI, Mr Wang Gengnian to WRN.

CRI's DRM service to London is broadcasting a mix of English and Chinese programming that comes live from its studios in Beijing. WRN's 26 MHz service provides CRI with complete DRM broadcast coverage of Greater London and it is being transmitted from the well known Croydon transmission tower, situated in South London and which is operated by Arqiva, WRN's DRM transmission partner for this project. Arqiva provides transmission services for most UK commercial radio stations. Croatia's RIZ-Transmitters has supplied the Yagi antenna and transmitter for the duration of the project.

DRM is the international standard for digital Medium Wave, Long Wave and Short Wave broadcasting. This new digital radio standard is exciting broadcasters around the world and with over 750 hours of DRM broadcasts already on air today, DRM is set to revitalise radio markets across the globe for local, national and international transmissions.

Mr Xia Jixuan, Vice-President of CRI says, "We are very excited that CRI is now broadcasting its programming on the new medium of DRM in London. The goal of CRI is to inform the world about China and we are pleased to offer the people of London a wide range of our programming. Beijing and London will both host future Olympic Games and it will be very interesting for there to be a mutual dialogue conducted through CRI".

Gary Edgerton, Managing Director of WRN, adds, "WRN is delighted that CRI has chosen WRN's local DRM solution for London. It is part of WRN's portfolio of products that is actively assisting broadcasters to take advantage of the exciting transmission and distribution opportunities that digital radio offers." - Ends-

For more information contact: Tim Ayris, Marketing Manager, WRN:  
E-mail: [tim.ayris@wrn.org](mailto:tim.ayris@wrn.org) Tel: +44 20 7896 9000 Web:  
<http://www.wrn.org> (WRN press release Nov 20 via DXLD) WTFK? 25995-26005 with 1.7 kW; or if 20 kHz wide, 25990-26010 (gh)

China of course does not allow Western broadcasters access to its domestic airwaves and jams many of those transmitting to China from abroad as well as exporting its jamming techniques to Zimbabwe where they are used to jam stations run by independent journalists. Perhaps Xia Jixuan would like to comment on that as well as the blocking of internet sites by the Chinese government.

CRI is basically censored Chinese government propaganda. However the broadcasts surely would have to be subject to Ofcom's broadcasting code, in particular the section 5 - Due Impartiality and Due Accuracy and Undue Prominence of Views and Opinions:  
<http://www.ofcom.org.uk/tv/ifi/codes/bcode/>

(Mike Barraclough, UK, dxldyg via DX LISTENING DIGEST)

## RADIOSCOPE NOW SHIPPING MULTI-STANDARD DAB/DRM MODULES TO MEET EARLY MARKET DEMAND

RadioScope is now shipping the award winning RS500 module, which provides reception for DAB (Band-III & L-Band), DRM (LW, MW & SW), FM-RDS AM (LW, MW & SW) including AMSS

Note that it is now seriously considered (at least in Germany) to use no longer MP2 but instead AAC for future DAB (Eureka-147) transmissions. So a radio with this chipset will be future-proof only if it supports DAB with AAC or if the manufacturer will later offer an appropriate firmware upgrade. And I speak only about the foreseeable future here, which are these days hardly more than a few years.

Note also that reportedly the Korean radio now available under Morphy Richards brand tunes mediumwave in fixed 9 kHz steps which can't be changed to 10 kHz, so it is not suitable for use in the Americas, unless one is prepared to accept that it can't be used for mediumwave reception (Kai Ludwig, Germany, *ibid.*)

## PROPAGATION

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The geomagnetic field ranged from quiet to isolated active levels at middle latitudes while quiet to isolated minor storm periods were observed at high latitudes. The period began with wind speed elevated at approximately 465 km/s while the IMF Bz did not vary much beyond  $\pm 2$  nT. By late on 14 November, solar wind speed decreased to a low of around 320 km/s. The geomagnetic field was mostly quiet on 13 and 14 November. By late on 15 November, density increased while the IMF Bz was around -6 nT for a prolonged period. In response, an isolated active period was observed at middle latitudes early on 16 November. By midday on 16 November, solar wind briefly increased to around 450 km/s. By 17 November, another prolonged period of southward Bz at around -4 nT was observed. Isolated active and minor storm periods were observed at high latitudes on 17 November. On 18 and 19 November, solar wind speed was around 350  $\pm$  450 km/s with the IMF Bz not varying much beyond  $\pm 5$  nT. The geomagnetic field at all latitudes was quiet.

## FORECAST OF SOLAR AND GEOMAGNETIC ACTIVITY 22 NOV - 18 DEC 2006

Solar activity is expected to be at very low to low levels. No greater than 10 MeV proton events are expected. The greater than 2 MeV electron flux at geosynchronous orbit is expected to be at high levels



on 22 ñ 23 November, 26 ñ 30 November, and again on 08 ñ 12 December.

The geomagnetic field is expected to be mostly quiet to unsettled for the majority of the forecast period. Recurrent coronal hole high speed wind streams are expected to rotate into geoeffective positions on 24 ñ 25 November, and again on 07 ñ 08 December. Unsettled to minor storm periods are expected on 24 ñ 25 November. On 07 ñ 08 December, unsettled to major storm periods are expected.

:Product: 27-day Space Weather Outlook Table 27D0.txt

:Issued: 2006 Nov 21 2024 UTC

# Prepared by the US Dept. of Commerce, NOAA, Space Environment Center

# Product description and SEC contact on the Web

# <http://www.sec.noaa.gov/wwire.html>

#

# 27-day Space Weather Outlook Table

# Issued 2006 Nov 21

#

| # UTC       | Radio Flux | Planetary | Largest  |
|-------------|------------|-----------|----------|
| # Date      | 10.7 cm    | A Index   | Kp Index |
| 2006 Nov 22 | 70         | 5         | 2        |
| 2006 Nov 23 | 70         | 15        | 3        |
| 2006 Nov 24 | 75         | 20        | 4        |
| 2006 Nov 25 | 75         | 15        | 3        |
| 2006 Nov 26 | 75         | 15        | 3        |
| 2006 Nov 27 | 75         | 5         | 2        |
| 2006 Nov 28 | 75         | 5         | 2        |
| 2006 Nov 29 | 75         | 5         | 2        |
| 2006 Nov 30 | 75         | 8         | 3        |
| 2006 Dec 01 | 75         | 8         | 3        |
| 2006 Dec 02 | 75         | 5         | 2        |
| 2006 Dec 03 | 75         | 5         | 2        |
| 2006 Dec 04 | 80         | 5         | 2        |
| 2006 Dec 05 | 80         | 5         | 2        |
| 2006 Dec 06 | 80         | 10        | 3        |
| 2006 Dec 07 | 75         | 35        | 6        |
| 2006 Dec 08 | 75         | 20        | 4        |
| 2006 Dec 09 | 75         | 8         | 3        |
| 2006 Dec 10 | 75         | 8         | 3        |
| 2006 Dec 11 | 75         | 5         | 2        |
| 2006 Dec 12 | 75         | 5         | 2        |
| 2006 Dec 13 | 75         | 8         | 3        |
| 2006 Dec 14 | 75         | 5         | 2        |
| 2006 Dec 15 | 75         | 5         | 2        |
| 2006 Dec 16 | 75         | 5         | 2        |
| 2006 Dec 17 | 75         | 5         | 2        |
| 2006 Dec 18 | 70         | 10        | 3        |

(<http://www.sec.noaa.gov/radio> via WORLD OF RADIO 1337, DXLD) ###